

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE 01		PAGE OF PAGES 1 07	
2. AMENDMENT/MODIFICATION NO. 001		3. EFFECTIVE DATE 9/23/2004		4. REQUISITION/PURCHASE REQ. NO. 4200087007	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE MLH		7. ADMINISTERED BY (If other than Item 6) CODE PS51-B	
George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		NASA MSFC Procurement Office PS51B/Becky K. Crane MSFC, AL 35812 AUTOMATED INVOICE PAYMENT INFORMATION: (205) 544-5566			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)		(x) 9A. AMENDMENT OF SOLICITATION NO.			
Analytical Services, Inc. 689 Discovery Drive Huntsville, Alabama 35806 Attn: Mary T. Griffith (256) 890-0083 Email Griffith@asi-hsv.com		9B. DATED (SEE ITEM 11)			
CODE 101234 FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. NNM04AA56D			
		10B. DATED (SEE ITEM 13) 01/16/04			

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

## 12. ACCOUNTING AND APPROPRIATION DATA (If required)

Acct. Data 6100.2550 62-761-10-11 FC400000 62UP20 62-761 SFCX22004D

## 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.



(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Exercise Option 1 pursuant to clause (52.217-9) Option to extend the term of the contract

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 3 copies to the issuing office.

## 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See Page 2 for Full Description of this change.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Mary T. Griffith Chief Procurement Officer		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) G. Earl Pendley Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 9/23/04	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 9/23/04

The purpose of this modification is to exercise Option 1, update section I.4 Ombudsman, insert clause 52.217-9, Option to extend the term of the contract, and update section F.2, Reports of Work, with the correct Contracting Officer. All other terms and conditions remain the same. Summary of this modification is as follows:

1. Changes are made by this modification as follows:

- a) Section B, Clause B.2, CLIN 003/004, Option 1, POP January 16, 2005 – January 15, 2006, exercised at a FFP of \$1,130,300 for a total contract value including the Base period of \$2,231,528.
- b) Section B, Clause B.4, Key Personnel revised to show only Senior level personnel.
- c). Section F, Clause F.2 is updated to reflect the current Contracting Officer, Becky K. Crane, for this contract.
- d) Section I, Clause I.1 is updated to show the addition of FAR Clause 52.217-9, MAR 2000, Option to Extend the Term of the Contract.
- e) Section I, Clause I.4 is changed to show the current Ombudsman, Robin N. Henderson.

2. As a result of the foregoing changes, the following pages are deleted and the corresponding pages are substituted/added. Replacement pages are provided as appropriate. Changes are noted by a vertical line in the right hand margin.

<u>Pages Deleted</u>	<u>Pages Substituted/Added</u>
B-2 (Original)	B-2 (Mod 001)
B-3 (Original)	B-3 (Mod 001)
F-1 (Original)	F-1 (Mod 001)
I-2 (Original)	I-2 (Mod 001)
I-5 (Original)	I-5 (Mod 001)

3. In consideration of the modifications agreed to herein as complete equitable adjustments for all claims arising out of or attributable to the issuance of the contract change(s) and or contractor proposals listed below, the contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to said contract changes(s) and/or contractor proposals, and for such additional obligations as may be required by this modification.

<u>Contract Change ID</u>	<u>Contractor Proposal Number</u>	<u>Description</u>
Mod 001	N/A	Exercise Option 1

003/004 - Option 1: January 16, 2005 - January 15, 2006

003 - Statement of Work

FFP: \$1,130,300

004 - ID/IQ - Task 4 of the Statement of Work

ESTIMATED: \$134,235

Under CLIN 004, individual orders shall be issued as needed by MSFC. The estimate is not a representation to the contractor that the estimated quantity will be required or ordered, or that conditions affecting requirements will be stable or normal (see FAR 52.216-9, Ordering (Oct 1995) and NASA FAR Supplement 1852.216-80 (Oct 1996), Alt I (Oct 1996)).

#### LABOR

##### CATEGORIES

##### RATE

(b)(4)



Materials, subcontracts, other direct costs, and associated burdens shall be on issued under each order as cost reimbursement with no fee for CLIN 004.

(End of Clause)

#### B-3. PLACE OF PERFORMANCE (MSFC 52.237-91) (Feb 2001)

The Contractor shall perform the work under this contract at Marshall Space Flight Center, OSP Off-site facility, Integration Building 100, and at such other locations as may be approved in writing by the Contracting Officer.

(End of Clause)

#### B-4. KEY PERSONNEL AND FACILITIES (1852.235-71) (MAR 1989)

(a) The personnel and/or facilities listed below are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; PROVIDED, that the Contracting Officer may ratify in writing the proposed change, and such ratification shall constitute the Contracting Officer's consent required by this clause.

(c) The list of personnel and/or facilities shown below may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

KEY PERSONNEL:      POSITION/TITLE:

(b)(4)

(End of Clause)

**B.5 Accounting & Appropriation Schedule**

PR	4200087007	\$1,130,300
	6100.2550 2550 62 62-761-10-11 FC400000 62UP20 62-761 SFCX22004D	
	Total	\$1,130,300

Schedule Of Services / Milestones				
Item	Description	Qty	Unit Price	Total
1	Monthly Report, Jan 16 - Feb 15, 2005	1	\$94,192.00	\$94,192.00
2	Monthly Report, Feb 16 - Mar 15, 2005	1	\$94,192.00	\$188,384.00
3	Monthly Report Mar 16 - Apr 15, 2005	1	\$94,192.00	\$282,576.00
4	Monthly Report Apr 16 - May 15, 2005	1	\$94,192.00	\$376,768.00
5	Monthly Report May 16 - Jun 15, 2005	1	\$94,192.00	\$470,960.00
6	Monthly Report Jun 16 - Jul 15, 2005	1	\$94,192.00	\$565,152.00
7	Monthly Report Jul 16 - Aug 15, 2005	1	\$94,192.00	\$659,344.00
8	Monthly Report Aug 16 - Sep 15, 2005	1	\$94,192.00	\$753,536.00
9	Monthly Report Sep 16 - Oct 15, 2005	1	\$94,192.00	\$847,748.00
10	Monthly Report Oct 16 - Nov 15, 2005	1	\$94,192.00	\$941,920.00
11	Monthly Report Nov 16 - Dec 15, 2005	1	\$94,192.00	\$1,036,112.00
12	Monthly Report Dec 16, 2004 - Jan 15, 2006	1	\$94,188.00	\$1,130,300.00
	Total FFP, Option 1 Contract			\$1,130,300.00

[END OF SECTION]

**SECTION F - DELIVERIES OR PERFORMANCE****F.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE**

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

**I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)****CLAUSE****NUMBER DATE TITLE**

52.242-14 APR 1984 SUSPENSION OF WORK

52.242-17 APR 1984 GOVERNMENT DELAY OF WORK

52.247-34 NOV 1991 F.O.B. DESTINATION

(End of Clause)

**F.2 REPORTS OF WORK**

The contractor shall submit Monthly/Quarterly Reports of all work accomplished during each month of order performance. Reports shall be in narrative form, and brief and informal in content. Monthly reports shall include: (1) A quantitative description of work performed during period; (2) An indication of any current problems which may impede performance or impact program schedule and proposed corrective action, and; (3) A discussion of the work to be performed during the next monthly reporting period.

These reports shall be submitted in the number of copies and to the addresses indicated in paragraph below entitled "Reports Distribution."

A. Final Report: The contractor shall submit a Final Report documenting the new models developed and technical findings. The Final Report documents and summarizes the results of the entire work, including recommendations and conclusions based on the experience and results obtained. It shall include principles, procedures, and methods of application that would be generally applicable to utilization of the results of the study. The contractor shall distribute copies of the Final Report in the quantities and the addresses indicated in paragraph below entitled "Reports Distribution."

B. Reports Distribution: Reports shall be emailed to all listed. Reports shall be clearly marked to indicate the task order number. A copy of the transmittal letter showing distribution of reports shall be furnished.

<u>Name &amp; Office Code</u>		<u>Monthly/Quarterly Final</u>	<u>E-mail</u>
Becky K. Crane/PS51-B	1	1	Becky.K.Crane@nasa.gov
Jerry Cook/UP02	1	1 *	Jerry.R.Cook@nasa.gov

\*One CD and one paper copy of the final report

(End of Clause)

[END OF SECTION]

52.215-18	OCT 1997	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS
52.216-7	DEC 2002	ALLOWABLE COST AND PAYMENT
52.216-8	OCT 1995	ORDERING
52.216-9	OCT 1995	ORDER LIMITATIONS
52.216-22	OCT 1995	INDEFINITE QUANTITY
52.217-8	NOV 1999	OPTION TO EXTEND SERVICES
52.217-9	MAR 2000	OPTION TO EXTEND THE TERM OF THE CONTRACT
52.219-14	DEC 1996	LIMITATIONS ON SUBCONTRACTING
52.222-2	JUL 1990	PAYMENT FOR OVERTIME PREMIUMS
52.222-3	JUN 2003	CONVICT LABOR
52.222-19	SEP 2002	CHILD LABOR-COOPERATION WITH AUTHORITIES AND REMEDIES
52.222-20	DEC 1996	WALSH-HEALEY PUBLIC CONTRACTS
52.222-21	FEB 1999	PROHIBITION ON SEGREGATED FACILITIES
52.222-22	FEB 1999	PREVIOUS CONTRACTS AND COMPLIANCE REPORTS
52.222-25	APR 1984	AFFIRMATIVE ACTION COMPLIANCE
52.222-26	APR 2002	EQUAL OPPORTUNITY
52.222-35	DEC 2001	EQUAL OPPORTUNITY FOR SPECIAL DISABLES VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS
52.222-36	JUN 1998	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES
52.222-37	DEC 2001	EMPLOYMENT REPORTS FOR SPECIAL DISABLES VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS
52.222-38	DEC 2001	COMPLIANCE WITH VETERANS' EMPLOYMENT REPORTING
52.223-5	AUG 2003	REQUIREMENTS
52.223-6	MAY 2003	POLLUTION PREVENTION AND
52.225-1	JUN 2003	RIGHT-TO-KNOW INFORMATION DRUG-FREE WORKPLACE
52.227-1	JUL 1995	BUY AMERICAN ACT-BALANCE OF PAYMENTS PROGRAM-SUPPLIES
52.227-2	AUG 1996	AUTHORIZATION AND CONSENT NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman,

Robin N. Henderson National Aeronautics and Space Administration George C. Marshall Space Flight Center/DE01 Marshall Space Flight Center, AL 35812  
Telephone number: (256) 544-7920 Facsimile number: (256) 544-1919 E-mail address: Robin.N.Henderson@msfc.nasa.gov

Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the NASA ombudsman, the Director of the Contract Management Division, at 202-358-0422, facsimile 202-358-3083, e-mail sthompson1@hq.nasa.gov. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the contracting officer or as specified elsewhere in this document.

(End of clause)

#### I.5 1852.204-76 SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES (JUL 2002)

(a) The Contractor shall be responsible for Information Technology security for all systems connected to a NASA network or operated by the Contractor for NASA, regardless of location. This clause is applicable to all or any part of the contract that includes information technology resources or services in which the Contractor must have physical or electronic access to NASA's sensitive information contained in unclassified systems that directly support the mission of the Agency. This includes information technology, hardware, software, and the management, operation, maintenance, programming, and system administration of computer systems, networks, and telecommunications systems. Examples of tasks that require security provisions include:

- (1) Computer control of spacecraft, satellites, or aircraft or their payloads;
- (2) Acquisition, transmission or analysis of data owned by NASA with significant replacement cost should the contractor's copy be corrupted; and
- (3) Access to NASA networks or computers at a level beyond that granted the general public, e.g. bypassing a firewall.

(b) The Contractor shall provide, implement, and maintain an IT Security Plan. This plan shall describe the processes and procedures that will be followed to ensure appropriate security of IT resources that are developed, processed, or used under this contract. The plan shall describe those parts of the contract to which this clause applies. The Contractor's IT Security Plan shall be compliant with Federal laws that include, but are not limited to, the Computer Security Act of 1987 (40 U.S.C. 1441 et seq.) and the Government Information Security Reform Act of 2000. The plan shall meet IT security requirements in accordance with Federal and NASA policies and procedures that include, but are not limited to: